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Location: KNX-5A59
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Friday, May 29, 2009

Case Serial Number: 09/776484

From: ROBERT FINLEY
Location: EIC3600
KNX-2A80-C
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robert.finley@uspto.gov

Search Notes

Dear Examiner Najarian:

Please find attached the results of your search for the above-referenced case. The search was conducted in the Business Methods Template databases appropriate for the application.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

Dialog search results are presented in two formats, Word (.doc) and Acrobat (.pdf).

To navigate this document: use FIND function {Ctrl-F}

~~ will find the beginning of each group of results

^ will find the tagged items

Information on Dialog databases can be found at: <http://library.dialog.com/bluesheets/>

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search.

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A.	Dialog	3
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I. Potential References of Interest

A. Dialog

~~ Patent Literature:

Dialog files: 347,348,349,350

^ 4/3,K/6 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00929491 **Image available**

METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR PRESENTATION TO

MEDICAL PROVIDERS ON MOBILE TERMINALS

PROCEDE ET SYSTEME D'EXTRACTION D'INFORMATIONS MEDICALES A PRESENTER A DES

DISPENSATEURS DE SOINS MEDICAUX SUR DES TERMINAUX MOBILES

Patent Applicant/Assignee:

MERCURYMD INC, 2605 Meridian Parkway, Suite 125, Durham, NC 27713, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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CROSS Matthew, 212 North Duke Street, #206, Durham, NC 27701, US, US
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TEAGUE Travis, 212 North Duke Street, #206, Durham, NC 27701, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MYERS BIGEL SIBLEY & SAJOVEC (agent), P.O. Box 37428, Raleigh, NC 27627,
US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200263541 A2-A3 20020815 (WO 0263541)

Application: WO 2002US2043 20020122 (PCT/WO US0202043)

Priority Application: US 2001776484 20010202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 8901

Fulltext Availability:

Detailed Description

Claims

English Abstract

A system for providing **medical** providers with **medical records** accessible from a mobile terminal in one embodiment comprises reformatting the **information** in a **medical record database** to be used with large, ergonomic **icons** allowing easy transitions between pages of **information** in the **medical records**. Docking stations or wireless networks may enable the mobile terminal to access the **medical records**. Thus, the **medical** provider may have bedside access to the **information** in the **medical records** to make informed decisions about treatment regimens.

Detailed Description

... a proprietary database isolated from 'wireless access and are not in a format that is conducive to presentation on a **mobile** terminal.

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-EiVENTION

SUMMARY OF THE

The present invention comprises a technique to enhance patient care by providing medical providers...

...is extracted and reformatted in a consistent manner. Software may be used to perform this extraction and reformatting. These medical **records** are then provided to the **medical** providers through a mobile terminal.

In one embodiment, the present invention provides the **medical records** to a 110 personal digital assistant such as a PALM PILOT& The display of the personal digital.

assistant comprises a plurality of large, ergonomic buttons that may be used to transition between different screens of **information** in the **medical records**. - **Medical** providers synchronize to the **database** at regular intervals to keep the records on the personal digital assistant current as well as to update the hospital...

...entered into 1 5 the personal digital assistant.

0 -the present invention provi

In a second embodiment, the **medical records** to a mobile phone device. The mobile phone may have buttons apart from the display by which the medical provider can again transition through different screens of **information** in the **medical records** . In this embodiment, the **medical** provider may download only those **records** that he needs as he needs them. Likewise, updates are transmitted from the mobile phone back to the database. It...medical record number or other unique 15 patient identifier manually, and at the next synchronization, the patient's complete **medical record** will be loaded into the memory of the **mobile terminal** 50, 100. In the situation where the **mobile terminal** is a **mobile type device** , this command will activate a call to the central server 152 and download the **information** . This feature allows **medical** providers to acquire access to the **medical records** of patients that were erroneously omitted from a synchronization or added to the ward after a synchronization visit.

Other features...

...possible. For example, as an alternate revenue generator, the service provider could sell advertising on a "Product of the Day" **icon** . This **icon** may likewise be **ergonomically** designed so that it complements the rest of the icon's and is

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used because it is easy and...for the next day's appointments (block 318) and sets his alarm clock accordingly (block 320).

The methodology of the **mobile terminal** 50 is not too dissimilar from that of the methodology of the **mobile terminal** 100. The primary difference is the absence of the need to dock the **mobile terminal** . Reference is made to Figure 10 for the methodology

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associated with using the **mobile terminal** 100. The initial part of the process, is identical to that described above, namely blocks 300 The physician begins his rounds (block 350). Upon needing the **medical** record of a patient, the physician places a phone call to the server 152 (block 352). the physician then accesses...

...may be encrypted as desired to protect the privacy of the individual whose medical record is then transmitted to the **mobile terminal** 100 through the local, wireless telephone system. The physician uses the ergonomic buttons on the **mobile terminal** 100 to scroll through and select the desired screens of information (block

356

If the physician enters new information into the **medical record** , the

mobile terminal 1 00 sends the update to the central server 1 52
(block 3 5 8) by transmitting to a nearby...

Claim

1 A method of presenting **medical** records for use by a medical provider, comprising:
extracting pre-existing medical records from a database;
formatting said medical records...

...wherein formatting said medical records for presentation on a I 0 mobile terminal comprises providing ergonomic actuators within said medical **records** to movebetweendifferentscreenscontainingdifferentinfonnation.

3 The method of claim 1 wherein delivering at least one of said formatted **medical records** to themobile terminal possessed by the **medical** provider comprises delivering at. 1 5 least one of said **medical records** to a wireless telephone.

4 The method of claim I wherein delivering at least one of said formatted **medical records** to the mobile terminal possessed by the medical provider comprises delivering at least one of said **medical records** to a personal digital assistant.,

5 The method of claim I wherein extracting pre-existing **medical records** from a **database** comprises extracting pre-existing **medical records** from a hospital **database** . 28. The method of claim I wherein extracting pre-existing medical records from a database comprises extracting pre-existing Medical...

...wherein. delivering the information to at least one of the. previously provided mobile terminals comprises delivering the information to the **mobile** terminals wirelessly.

17 A method of compiling a database of medical information, comprising:
accessing a pre-existing database of medical records;
extracting therefrom said medical records;
reformatting said medical **records** for delivery to mobile terminals; and
storing said reformatted **medical records** in a computer memory.

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. The method of claim 17 wherein reformatting said **medical records** for delivery to mobile terminals comprises providing ergonomic buttons to switch between different classes of **information** in the **medical record** .

19 The method of claim 17 Eirther comprising updating said **medical records** with **information** provided by **medical** providers from mobile

terminals.

20 The method of claim 19, further comprising a charge capture service to maintain a list...

...corresponding to the information and displaying the reference material.

22 The method of claim 17 further comprising temporarily storing the **medical records** 15 in memory associated with the mobile terminals.

23 A system for delivering **information** to **medical** providers, comprising:
a computer for storing medical records;
a plurality of mobile terminals; and
means for providing said medical records...

^ 4/3,K/8 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012706903

WPI ACC NO: 2002-558326/200259

XRPX Acc No: N2002-441967

Method of presenting medical records on a mobile terminal by extracting records from a database and reformatting them for the terminal at which they are accessed using large, ergonomically designed icons

Patent Assignee: CROSS M (CROS-I); LAWSON W T (LAWS-I); MERCURYMD INC (MERC-N); TEAGUE T (TEAG-I); YING A J (YING-I)

Inventor: CROSS M; LAWSON W T; TEAGUE T; YING A J

Patent Family (3 patents, 98 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2002063541	A2	20020815	WO 2002US2043	A	20020122	200259 B
AU 2002247024	A1	20020819	AU 2002247024	A	20020122	200427 E
US 20050065822	A1	20050324	US 2001776484	A	20010202	200526 E

Priority Applications (no., kind, date): US 2001776484 A 20010202

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2002063541 A2 EN 46 10

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID

IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ

NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ

VN YU ZA ZM ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
AU 2002247024 A1 EN Based on OPI patent WO 2002063541

Method of presenting medical records **on a** mobile terminal **by**
extracting records from a database and reformatting them for the terminal
at which they are accessed using large , ergonomically **designed** icons

Alerting Abstract ...NOVELTY - The **mobile terminal** access the
reformatted information and provide **large , ergonomically** designed
icons allowing easy transitions between pages of the **records** . **Medical**
providers can access the **information** at the bedside.

Original Publication Data by Authority

Argentina

Assignee name & address:

Original Abstracts:

A system for providing **medical** providers with medical records accessible
from a mobile terminal in one embodiment comprises reformatting the
information in a medical record...

...allowing easy transitions between pages of information in the medical
record. Docking stations or wireless networks may enable the mobile
terminal to access **the medical** records. Thus, the medical provider may
have bedside access to the information in the medical records to make
informed decisions...

...A system for providing medical providers with medical records accessible
from a **mobile terminal** in one embodiment comprises reformatting the
information **in a** medical record database to be used with large,
ergonomic icons allowing easy transitions between pages of information in
the medical records. Docking stations or wireless networks may enable the
mobile terminal to access **the** medical records. Thus, the **medical**
provider may have bedside access to the information in the medical records
to make informed decisions about treatment regimens...

...un systeme qui sert a fournir a des dispensateurs de soins medicaux des
archives medicales accessibles a partir d'un **terminal mobile** . Dans une
forme de realisation, le systeme consiste a reformater les informations
recherchees contenues dans une base de donnees d'archives medicales avec
de grandes icones ergonomiques permettant de passer facilement d'une page

...

Claims:

II. Inventor Search Results from Dialog

~~ Patent Literature: Inventor search

File 347:JAPIO Dec 1976-2009/Jan(Updated 090503)

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File 348:EUROPEAN PATENTS 1978-200922

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090521|UT=20090514

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File 350:Derwent WPIX 1963-2009/UD=200932

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Set	Items	Description
S1	25	AU=YING A?
S2	118	AU=LAWSON W?
S3	163	AU=CROSS M?
S4	38	AU=TEAGUE T?
S5	332	S1 OR S2 OR S3 OR S4
S6	2	S5 AND (ERGONOMIC? OR LARGE OR FINGER OR BIOENGINEER???) (6-N) (ACTUATOR? ? OR ACTUATI??? OR ICON OR ICONS OR BUTTON OR BUTTONS OR KEY OR KEYS OR SWITCH OR SWITCHES)

^ 6/3/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00929491 **Image available**

METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR PRESENTATION TO

MEDICAL PROVIDERS ON MOBILE TERMINALS

PROCEDE ET SYSTEME D'EXTRACTION D'INFORMATIONS MEDICALES A PRESENTER A DES

DISPENSATEURS DE SOINS MEDICAUX SUR DES TERMINAUX MOBILES

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Patent Applicant/Inventor:

YING Alan J , 9 Forest Oaks Drive, Durham, NC 27705, US, US (Residence),
US (Nationality), (Designated only for: US)

LAWSON William T , 4218 Ellisfield Drive, Durham, NC 27705, US, US
(Residence), US (Nationality), (Designated only for: US)

CROSS Matthew , 212 North Duke Street, #206, Durham, NC 27701, US, US
(Residence), US (Nationality), (Designated only for: US)

TEAGUE Travis , 212 North Duke Street, #206, Durham, NC 27701, US, US

(Residence), US (Nationality), (Designated only for: US)
 Legal Representative:
 MYERS BIGEL SIBLEY & SAJOVEC (agent), P.O. Box 37428, Raleigh, NC 27627,
 US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200263541 A2-A3 20020815 (WO 0263541)
 Application: WO 2002US2043 20020122 (PCT/WO US0202043)
 Priority Application: US 2001776484 20010202
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
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 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 8901

^ 6/3/2 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0012706903
 WPI ACC NO: 2002-558326/200259
 XRPX Acc No: N2002-441967
**Method of presenting medical records on a mobile terminal by extracting
 records from a database and reformatting them for the terminal at which
 they are accessed using large , ergonomically designed icons**
 Patent Assignee: CROSS M (CROS-I); LAWSON W T (LAWS-I); MERCURYMD INC
 (MERC-N); TEAGUE T (TEAG-I); YING A J (YING-I)
 Inventor: **CROSS M ; LAWSON W T ; TEAGUE T ; YING A J**
Patent Family (3 patents, 98 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2002063541	A2	20020815	WO 2002US2043	A	20020122	200259 B
AU 2002247024	A1	20020819	AU 2002247024	A	20020122	200427 E
US 20050065822	A1	20050324	US 2001776484	A	20010202	200526 E

Priority Applications (no., kind, date): US 2001776484 A 20010202

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2002063541 A2 EN 46 10

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ
VN YU ZA ZM ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002247024 A1 EN Based on OPI patent WO 2002063541

~~~ Non-Patent Literature: Inventor search

File 2:INSPEC 1898-2009/May W4

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File 9:Business & Industry(R) Jul/1994-2009/May 28

(c) 2009 Gale/Cengage

File 15:ABI/Inform(R) 1971-2009/May 28

(c) 2009 ProQuest Info&Learning

File 610:Business Wire 1999-2009/May 29

(c) 2009 Business Wire.

File 613:PR Newswire 1999-2009/May 29

(c) 2009 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2009/May 29

(c) 2009 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2009/May 28

(c) 2009 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2009/May 07

(c) 2009 Gale/Cengage

File 148:Gale Group Trade & Industry DB 1976-2009/May 14

(c) 2009 Gale/Cengage

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2009/May 01

(c) 2009 Gale/Cengage

File 621:Gale Group New Prod.Annou.(R) 1985-2009/Apr 23

(c) 2009 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2009/May 07

(c) 2009 Gale/Cengage

File 20:Dialog Global Reporter 1997-2009/May 29

(c) 2009 Dialog  
 File 35:DISSERTATION ABS ONLINE 1861-2009/APR  
 (c) 2009 PROQUEST INFO&LEARNING  
 File 65:Inside Conferences 1993-2009/May 29  
 (c) 2009 BLDSC all rts. reserv.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Apr  
 (c) 2009 The HW Wilson Co.  
 File 256:TecInfoSource 82-2009/Mar  
 (c) 2009 Info.Sources Inc  
 File 474:New York Times Abs 1969-2009/May 29  
 (c) 2009 The New York Times  
 File 475:Wall Street Journal Abs 1973-2009/May 29  
 (c) 2009 The New York Times  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
 (c) 2002 Gale/Cengage

| Set | Items | Description                                                                                                                                                           |
|-----|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S1  | 407   | AU=(YING, A? OR YING A? OR YING(2N)A?) OR BY=YING(2N)A?                                                                                                               |
| S2  | 692   | AU=(LAWSON, W? OR LAWSON W? OR LAWSON(2N)W?) OR BY=LAWSON(-2N)W?                                                                                                      |
| S3  | 2612  | AU=(CROSS, M? OR CROSS M? OR CROSS(2N)M?) OR BY=CROSS(2N)M?                                                                                                           |
| S4  | 3646  | AU=(TEAGUE, T? OR TEAGUE T? OR TEAGUE(2N)T?) OR BY=TEAGUE(-2N)T?                                                                                                      |
| S5  | 7357  | S1 OR S2 OR S3 OR S4                                                                                                                                                  |
| S6  | 3     | S5 AND (ERGONOMIC? OR LARGE OR FINGER OR BIOENGINEER???) (6-N) (ACTUATOR? ? OR ACTUATI??? OR ICON OR ICONS OR BUTTON OR BUTTONS OR KEY OR KEYS OR SWITCH OR SWITCHES) |
| S7  | 0     | S6 NOT PY>2005                                                                                                                                                        |

### III. Text Search Results from Dialog

#### A. Patent Files

~~ Patent Literature:

Dialog files: 347,348,349,350

File 347:JAPIO Dec 1976-2009/Jan(Updated 090503)

(c) 2009 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-200922

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090521|UT=20090514

(c) 2009 WIPO/Thomson

File 350:Derwent WPIX 1963-2009/UD=200932

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Set Items Description

- S1 689391 (MOBILE OR PORTABLE OR WIRELESS OR HAND()HELD OR HANDHELD -  
OR WIFI OR WI()FI)(2N)(TERMINAL? ? OR APPARATUS?? OR DEVICE? ?  
OR COMPUTER? ? OR EQUIPMENT OR POCKETPC) OR PDA OR PDAS OR P-  
ERSONAL()DIGITAL()ASSISTANT? ?
- S2 6402 (ERGONOMIC? OR LARGE OR FINGER OR BIOENGINEER???) (6N)(ACTU-  
ATOR? ? OR ACTUATI??? OR ICON OR ICONS OR BUTTON OR BUTTONS OR  
KEY OR KEYS OR SWITCH OR SWITCHES)
- S3 10816 (MEDICAL OR HEALTH OR HEALTHCARE)(6N)(INFORMATION OR DATA -  
OR RECORD OR RECORDS OR HISTORY OR HISTORIES OR DATABASE OR D-  
ATABASES)
- S4 9 S1(50N)S2(50N)S3

#### **4/3,K/1 (Item 1 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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02104098

**ELECTRIC DOUBLE LAYER CAPACITOR**

**ELEKTRISCHER DOPPELSCHICHTKONDENSATOR**

**CONDENSATEUR ELECTRIQUE DOUBLE COUCHE**

PATENT ASSIGNEE:

TEIJIN LIMITED, (212524), 6-7, Minamihonmachi 1-chome Chuo-ku,  
Osaka-shiOsaka 541-0054, (JP), (Applicant designated States: all)

INVENTOR:

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 Iwakuni-shi, Yamaguchi 7400014, (JP)  
 SAKURAI, Hiroshic/o TEIJIN LIMITED, Iwakuni Research Center, 2-1,  
 Hinodecho, Iwakuni-shi, Yamaguchi 7400014, (JP)  
 KITAHARA, Maic/o TEIJIN LIMITED, Iwakuni Research Center, 2-1, Hinodecho,  
 Iwakuni-shi, Yamaguchi 7400014, (JP)  
 LEGAL REPRESENTATIVE:  
 Hallybone, Huw George et al (53031), Carpmiels and Ransford, 43  
 Bloomsbury Square, London WC1A 2RA, (GB)  
 PATENT (CC, No, Kind, Date): EP 1830374 A1 070905 (Basic)  
 WO 2006068291 060629  
 APPLICATION (CC, No, Date): EP 2005822531 051221; WO 2005JP23999 051221  
 PRIORITY (CC, No, Date): JP 2004369068 041221; JP 200535902 050214; JP  
 200547556 050223; JP 200547555 050223; JP 2005118061 050415; JP  
 2005120946 050419; JP 2005120947 050419; JP 2005120948 050419; JP  
 2005120945 050419; JP 2005120949 050419; JP 2005143835 050517; JP  
 2005143837 050517; JP 2005143836 050517; JP 2005143834 050517; JP  
 2005102 050104  
 DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
 HU; IE; IS; IT; LI; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR  
 EXTENDED DESIGNATED STATES: AL; BA; HR; MK; YU  
 INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):  
 IPC + Level Value Position Status Version Action Source Office:  
 H01G-0009/155 A I F B 20060101 20060727 H EP  
 H01G-0009/02 A I L B 20060101 20060727 H EP  
 H01G-0009/058 A I L B 20060101 20060727 H EP  
 H01G-0009/08 A I L B 20060101 20060727 H EP  
 ABSTRACT WORD COUNT: 72  
 NOTE:  
 Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

#### FULLTEXT AVAILABILITY:

| Available Text                     | Language  | Update | Word Count |
|------------------------------------|-----------|--------|------------|
| CLAIMS A                           | (English) | 200736 | 523        |
| SPEC A                             | (English) | 200736 | 106872     |
| Total word count - document A      |           |        | 107395     |
| Total word count - document B      |           |        | 0          |
| Total word count - documents A + B |           |        | 107395     |

**4/3,K/2 (Item 1 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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01796836 \*\*Image available\*\*

**TOUCH SCREEN USING INFRARED CAMERA HARDLY AFFECTED BY EXTERNAL  
DISTURBANCE**

**LIGHT**

**ECRAN TACTILE UTILISANT UNE CAMERA A INFRA-ROUGE DIFFICILEMENT  
AFFECTEE PAR**

**LA LUMIERE EXTERNE GENANTE**

Patent Applicant/Assignee:

COMBUS TECH CO LTD, 612-ho, ACE High-end Tower, 235-2, Guro, 3-dong,  
Guro-gu, Seoul 152-740, KR, KR (Residence), KR (Nationality), (For all  
designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200935227 A2 20090319 (WO 0935227)

Application: WO 2008KR5119 20080901 (PCT/WO KR2008005119)

Priority Application: KR 1020070091409 20070910

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AO AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE  
KG KM KN KP KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA  
NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM ST SV SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC  
MT NL NO PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4210

Fulltext Availability:

Detailed Description

Detailed Description

... input device capable of allowing men and women of all ages to easily

use the touch screen by touching a **button** displayed on the screen with a **finger** in order to manipulate a computer in an interactive and intuitive manner. As such, the touch screen is presently applied to various fields such as personal digital assistants ( **PDA**s ), liquid crystal displays (LCDs), cathode ray tubes (CRTs), banks, government and public offices, various kinds of **medical** equipment, tourism and main organization **information** services, traffic information services, and so on.

[5] As for one of the representative techniques realizing the touch screen, a...

**4/3,K/3 (Item 2 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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01746843

**APPARATUS AND METHODS FOR MEDICAL PATIENT ROLE PLAYING /  
SIMULATION**

**ACTIVITY**

**DISPOSITIFS ET PROCEDES ASSOCIES A UN JEU DE ROLE ET A UNE ACTIVITE DE  
SIMULATION CHEZ UN PATIENT MEDICALISE**

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS NV, Groenewoudseweg 1, NL-5621 BA  
Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

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LIEBERMAN Debra, P.O. Box 3001 345 Scarborough Road, Briarcliff Manor,  
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EGAMI Tadashi, P.O. Box 3001 345 Scarborough Road, Briarcliff Manor, New  
York 10510-8001, US, US (Residence), US (Nationality), (Designated only  
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 2008142611 A2 20081127 (WO 08142611)

Application: WO 2008IB51899 20080514 (PCT/WO IB2008051899)

Priority Application: US 2007938280 20070516

Designated States:

(All protection types applied unless otherwise stated - for applications



2004+)

AE AG AL AM AO AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE  
KG KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ  
NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC  
MT NL NO PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9203

Fulltext Availability:

Detailed Description

Detailed Description

... the patient. In one implementation, the patient logs on to the apparatus 10 via the interface device 12, using a **handheld** remote control **device** 16, entering information via one or more keys or buttons 18 thereof. The interface 12 may be a separate set...

...16, such as a handheld remote, touch screen, keyboard, mouse, or other similar device by which the patient can enter **information**, such as passwords, responses to questions, **health** related readings such as weight or blood pressure, etc. The input device 16 may preferably include **large keys** 18 with distinct markings such as color, shape, and/or labeling that clearly delineate the intended use or functionality to...

**4/3,K/4 (Item 3 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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01734791 \*\*Image available\*\*

**APPARATUS AND METHODS FOR RENDERING PERSONAL STORIES TO MEDICAL PATIENTS**

**APPAREIL ET PROCEDES POUR UN RENDU D'HISTOIRES PERSONNELLES A DES PATIENTS**

**MEDICAUX**

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS NV, Groenewoudseweg 1, NL-5621 BA

Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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for: US)

LIEBERMAN Debra, P.O. Box 3001, 345 Scarborough Road, Briarcliff Manor,  
NY 10510-8001, US, US (Residence), US (Nationality), (Designated only  
for: US)

Legal Representative:

DAMEN Daniel M (agent), Philips Intellectual Property & Standards, High  
Tech Campus 44, P.O. Box 220, NL-5600 AE Eindhoven, NL

Patent and Priority Information (Country, Number, Date):

Patent: WO 2008129482 A2-A3 20081030 (WO 08129482)

Application: WO 2008IB51488 20080417 (PCT/WO IB2008051488)

Priority Application: US 2007912434 20070418

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AO AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE  
KG KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ  
NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC  
MT NL NO PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9056

Fulltext Availability:

Detailed Description

Detailed Description

... 16, such as a handheld remote, touch screen, keyboard, mouse, or other  
similar device by which the patient can enter **information**, such as  
passwords, responses to questions, **health** related readings such as  
weight or blood pressure, etc. The input device 16 may preferably include  
**large keys** 18 with distinct markings such as color, shape, and/or  
labeling that clearly delineate the intended use or functionality to...

**4/3,K/5 (Item 4 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2009 WIPO/Thomson. All rts. reserv.

01537571

**GENIUS ADAPTIVE DESIGN  
MODELE D'ADAPTATION AU GENIE**

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200781519 A2 20070719 (WO 0781519)

Application: WO 2006US48704 20061219 (PCT/WO US2006048704)

Priority Application: US 2005755291 20051230; US 2006756607 20060105; US

2006778313 20060301; US 2006783018 20060315; US 2006786906 20060328; US  
2006852794 20061018

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI  
NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT  
TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 520275

Fulltext Availability:

Detailed Description

Detailed Description

... Date Stamper: Registers and organizes previous occurrences. LENS =  
See "Camera / Lens" MO \* = Modem. Modem: connects via tel ("T") with: @  
other **computers** (mainframes), **devices** . Drawing: remote/uk/display =  
c (computer's data) = data converter = tr/rc = data converter = "C" =  
display/printer/function-For Techies...if its a local or long distance  
call; person and or organization; type personality (nice...)-Receiver of  
call gets this **information** on display ("S") of tel; or **computer** ("C")  
(can then store such information with or without any additional info put  
in by receiver (person who speaks with and handles call-saves time keying  
in info, plus receiver might not be able to **key** everything in time and  
or forget after the call, especially if there is another call coming soon  
thereafter). Receiver can...the general natures of "access". 3C292

Magical Building Blocks: Each combination has designated results. See 3CE file.-AI-290-121001 **Finger** Print Reader: Analyzes a person's behavior by their fingerprint. Also matches couples with compatible fingerprints. Related to existing "C...

...on el (electronic) sys (u=k=c)) is favored tracking mode, and cheaper to produce. .-"Router": locates then= retrieves needed **data** = for this part. ACCESS For **Medical** , & Biological Research: \*\* = Gain access to electronic product's controls with a correctly keyed in combination. Each subject (patient/element being...

...seek" what accessor Needs or is permitted To View; both being similar.-In other words: access=ba can "seek" / "edit" **information** for accessor. This is a form of UIP-Tailor. Saves user's time.-Also uses internet's sw ('software) that...could be buried or hidden by material by which key is composed. —Repeated explanation: cart also acts like a **key** to sys' lock: eg: (reprogrammable) card key (W/ password code), cart ~ key =access. Cart can be microchip built into "key...

...back of any electronic device (computer, door handle of car, of specially designed door handle of building\*-electronic guard/lock **device** \*-has multiple lasers to increase complexity of cracking codes\*-Easy to change combination. .-this function like most other User Behavior...

**^ 4/3,K/6 (Item 5 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00929491 \*\*Image available\*\*

## **METHOD AND SYSTEM FOR EXTRACTING MEDICAL INFORMATION FOR PRESENTATION TO**

### **MEDICAL PROVIDERS ON MOBILE TERMINALS**

## **PROCEDE ET SYSTEME D'EXTRACTION D'INFORMATIONS MEDICALES A PRESENTER A DES**

### **DISPENSATEURS DE SOINS MEDICAUX SUR DES TERMINAUX MOBILES**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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TEAGUE Travis, 212 North Duke Street, #206, Durham, NC 27701, US, US  
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Legal Representative:

MYERS BIGEL SIBLEY & SAJOVEC (agent), P.O. Box 37428, Raleigh, NC 27627,  
US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200263541 A2-A3 20020815 (WO 0263541)

Application: WO 2002US2043 20020122 (PCT/WO US0202043)

Priority Application: US 2001776484 20010202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8901

Fulltext Availability:

Detailed Description

Claims

English Abstract

A system for providing **medical** providers with **medical records** accessible from a mobile terminal in one embodiment comprises reformatting the **information** in a **medical record database** to be used with large, ergonomic **icons** allowing easy transitions between pages of **information** in the **medical records**. Docking stations or wireless networks may enable the mobile terminal to access the **medical records**. Thus, the **medical** provider may have bedside access to the **information** in the **medical records** to make informed decisions about treatment regimens.

Detailed Description

... a proprietary database isolated from 'wireless access and are not in a format that is conducive to presentation on a **mobile** terminal.

2

-EiVENTION

SUMMARY OF THE

The present invention comprises a technique to enhance patient care by providing medical providers...

...is extracted and reformatted in a consistent manner. Software may be used to perform this extraction and reformatting. These medical **records** are then provided to the **medical** providers through a mobile terminal.

In one embodiment, the present invention provides the **medical records** to a personal digital assistant such as a PALM PILOT. The display of the personal digital

assistant comprises a plurality of large, ergonomic buttons that may be used to transition between different screens of **information** in the **medical records**. - **Medical** providers synchronize to the **database** at regular intervals to keep the records on the personal digital assistant current as well as to update the hospital...

...entered into the personal digital assistant.

0 -the present invention provides

In a second embodiment, the **medical records** to a mobile phone device. The mobile phone may have buttons apart from the display by which the medical provider can again transition through different screens of **information** in the **medical records**. In this embodiment, the **medical** provider may download only those **records** that he needs as he needs them. Likewise, updates are transmitted from the mobile phone back to the database. It...medical record number or other unique patient identifier manually, and at the next synchronization, the patient's complete **medical record** will be loaded into the memory of the **mobile terminal** 50, 100. In the situation where the **mobile terminal** is a **mobile type device**, this command will activate a call to the central server 152 and download the **information**. This feature allows **medical** providers to acquire access to the **medical records** of patients that were erroneously omitted from a synchronization or added to the ward after a synchronization visit.

Other features...

...possible. For example, as an alternate revenue generator, the service provider could sell advertising on a "Product of the Day" **icon**. This **icon** may likewise be **ergonomically** designed so that it complements the rest of the icon's and is

17

used because it is easy and...for the next day's appointments (block 318) and sets his alarm clock accordingly (block 320).

The methodology of the **mobile terminal** 50 is not too dissimilar from

that of the methodology of the **mobile terminal** 1 00. The primary difference is the absence of the need to dock the **mobile terminal** . Reference is made to Figure 1 0 for the methodology

25

associated with using the **mobile terminal** 1 00. The initial part of the process, is identical to that described above, namely blocks 300 The physician begins his rounds (block 350). Upon needing the **medical** record of a patient, the physician places 'a phone call to the server 152 (block 352). the physician then accesses...

...may be encrypted as desired to protect the privacy of the individual whose medical record is then transmitted to the **mobile terminal** 1 00 through the local, wireless telephone system. The physician use's the ergonomic buttons on the **mobile terminal** 1 00 to scroll through and select the desired screens of information (block 356

If the physician enters new information into the **medical record** , the **mobile terminal** 1 00 sends the update to the central server 1 52 (block 3 5 8) by transmitting to a nearby...

#### Claim

1 A method of presenting **medical** records for use by a medical provider, comprising:  
extracting pre-existing medical records from a database;  
formatting said medical records...

...wherein formatting said medical records for presentation on a I 0 mobile terminal comprises providing ergonomic actuators within said medical **records** to movebetweendifferentscreenscontainingdifferentinfonnation.

3 The method of claim 1 wherein delivering at least one of said formatted **medical records** to themobile terminal possessed by the **medical** provider comprises delivering at. 1 5 least one of said **medical records** to a wireless telephone.

4 The method of claim I wherein delivering at least one of said formatted **medical records** to the mobile terminal possessed by the medical provider comprises delivering at least one of said **medical records** to a personal digital assistant.,

5 The method of claim I wherein extracting pre-existing **medical records** from a **database** comprises extracting pre-existing **medical records** from a hospital **database** . 28. The method of claim I wherein extracting pre-existing medical records from a database comprises extracting pre-existing Medical...

...wherein. delivering the information to at least one of the. previously provided mobile terminals comprises delivering the information to the **mobile** terminals wirelessly.

17 A method of compiling a database of medical information, comprising: accessing a pre-existing database of medical records; extracting therefrom said medical records; reformatting said medical **records** for delivery to mobile terminals; and storing said reformatted **medical records** in a computer memory.

30

. The method of claim 17 wherein reformatting said **medical records** for delivery to mobile terminals comprises providing ergonomic buttons to switch between different classes of **information** in the **medical record** .

19 The method of claim 17 Eirther comprising updating said **medical records** with **information** provided by **medical** providers from mobile tenninals.

20 The method of claim 19, further comprising a charge capture service to maintain a list...

...corresponding to the information and displaying the reference material.

22 The method of claim 17 ftirther comprising temporarily storing the **medical records** 1 5 in memory associated with the mobile terminals.

23 A system for delivering **information** to **medical** providers, comprising:  
a computer for storing.medical records;  
a plurality of mobile terminals; and  
means for providing said medical records...

**4/3,K/7 (Item 6 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00255708 \*\*Image available\*\*

**CUSTOMER-BASED PRODUCT DESIGN MODULE**

**MODULE INTERACTIF DE PRODUIT A BASE CLIENT**

Patent Applicant/Assignee:

ABELOW Daniel H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9403865 A1 19940217

Application: WO 93US7341 19930804 (PCT/WO US9307341)



Priority Application: US 92926333 19920806  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 26784

Fulltext Availability:  
Detailed Description

Detailed Description  
... reader's memory.

#### 5. The Calculator

The small, hand-held calculator contains a microprocessor, memory, display, power supply and input **buttons** . It can be mass manufactured in **large** enough quantities that these devices can be sold very inexpensively.

#### 6. Smart Cards

The Smart Card is like a calculator...used for many types of applications, such as electronic ID systems that provide secure access throughout corporate offices, maintaining personal **medical** or financial account **histories** , and other single-purpose uses, A number of the prior art for Smart Cards and related devices demonstrate the feasibility of the present invention, including:  
(a) Systems for storing and transferring data between persons based on **portable** electronic **devices** (4,007,355, 2/1977, Moreno and 4,092,524, 5/1978, Moreno),  
(b) A portable element of reservation systems...

**^ 4/3,K/8 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0012706903

WPI ACC NO: 2002-558326/200259

XRPX Acc No: N2002-441967

**Method of presenting** medical records **on a** mobile terminal **by extracting records from a database and reformatting them for the terminal at which they are accessed using** large , ergonomically **designed** icons

Patent Assignee: CROSS M (CROS-I); LAWSON W T (LAWS-I); MERCURYMD INC (MERC-N); TEAGUE T (TEAG-I); YING A J (YING-I)

Inventor: CROSS M; LAWSON W T; TEAGUE T; YING A J

**Patent Family** (3 patents, 98 countries)

| Patent Number  | Kind | Date     | Application Number | Kind | Date     | Update   |
|----------------|------|----------|--------------------|------|----------|----------|
| WO 2002063541  | A2   | 20020815 | WO 2002US2043      | A    | 20020122 | 200259 B |
| AU 2002247024  | A1   | 20020819 | AU 2002247024      | A    | 20020122 | 200427 E |
| US 20050065822 | A1   | 20050324 | US 2001776484      | A    | 20010202 | 200526 E |

Priority Applications (no., kind, date): US 2001776484 A 20010202

### Patent Details

| Number | Kind | Lan | Pg | Dwg | Filing | Notes |
|--------|------|-----|----|-----|--------|-------|
|--------|------|-----|----|-----|--------|-------|

|               |    |    |    |    |  |  |
|---------------|----|----|----|----|--|--|
| WO 2002063541 | A2 | EN | 46 | 10 |  |  |
|---------------|----|----|----|----|--|--|

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002247024 A1 EN Based on OPI patent WO 2002063541

**Method of presenting** medical records **on a** mobile terminal **by extracting records from a database and reformatting them for the terminal at which they are accessed using** large , ergonomically **designed** icons

**Alerting Abstract** ...NOVELTY - The **mobile terminal** access the reformatted information and provide **large , ergonomically** designed **icons** allowing easy transitions between pages of the **records** . **Medical** providers can access the **information** at the bedside.

### Original Publication Data by Authority

#### Argentina

Assignee name & address:

#### Original Abstracts:

A system for providing **medical** providers with medical records accessible from a mobile terminal in one embodiment comprises reformatting the information in a medical record...

...allowing easy transitions between pages of information in the medical record. Docking stations or wireless networks may enable the mobile **terminal** to access **the medical** records. Thus, the medical provider may have bedside access to the information in the medical records to make

informed decisions...

...A system for providing medical providers with medical records accessible from a **mobile terminal** in one embodiment comprises reformatting the information **in a** medical record database to be used with large, ergonomic icons allowing easy transitions between pages of information in the medical records. Docking stations or wireless networks may enable the **mobile terminal** to access **the** medical records. Thus, the **medical provider** may have bedside access to the information in the medical records to make informed decisions about treatment regimens...

...un systeme qui sert a fournir a des dispensateurs de soins medicaux des archives medicales accessibles a partir d'un **terminal mobile** . Dans une forme de realisation, le systeme consiste a reformater les informations **recherchees contenues** dans une base de donnees d'archives medicales avec de grandes icones ergonomiques permettant de passer facilement d'une page

...

#### Claims:

#### 4/3,K/9 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007145367 - Drawing available

WPI ACC NO: 1995-180510/199524

XRPX Acc No: N1995-141719

**Portable measuring apparatus for measuring physiological parameters of user**

**- has measuring unit pressed by user with his or her finger, with one**

**operation button to operate electrical parts located in body**

Patent Assignee: SEIKO EPSON CORP (SHIH)

Inventor: KONDO Y

**Patent Family** (6 patents, 6 countries)

| Patent      |      | Application |               |      |                   |
|-------------|------|-------------|---------------|------|-------------------|
| Number      | Kind | Date        | Number        | Kind | Date Update       |
| EP 653182   | A1   | 19950517    | EP 1994116466 | A    | 19941019 199524 B |
| US 5734625  | A    | 19980331    | US 1994325960 | A    | 19941020 199820 E |
| US 5894454  | A    | 19990413    | US 1994325960 | A    | 19941020 199922 E |
|             |      |             | US 1997884174 | A    | 19970627          |
| EP 653182   | B1   | 20000119    | EP 1994116466 | A    | 19941019 200009 E |
| DE 69422688 | E    | 20000224    | DE 69422688   | A    | 19941019 200017 E |
|             |      |             | EP 1994116466 | A    | 19941019          |
| JP 3094799  | B2   | 20001003    | JP 1994198606 | A    | 19940823 200051 E |

Priority Applications (no., kind, date): JP 1993266456 A 19931025; JP 1994198606 A 19940823

## Patent Details

Number Kind Lan Pg Dwg Filing Notes  
EP 653182 A1 EN 19 14  
Regional Designated States,Original: CH DE FR GB LI  
US 5734625 A EN 16 14  
US 5894454 A EN Division of application US 1994325960

Division of patent US 5734625  
EP 653182 B1 EN  
Regional Designated States,Original: CH DE FR GB LI  
DE 69422688 E DE Application EP 1994116466  
Based on OPI patent EP 653182  
JP 3094799 B2 JA 10 Previously issued patent JP 07171116

## Original Publication Data by Authority

### Argentina

Assignee name & address:

#### Original Abstracts:

Disclosed is a **portable** apparatus which is easy to use, is capable of general measurements and is useful for health care during exercise. A...

...provided which is easy to use, for measuring environmental and biological data and is useful for health care during exercise. **The** apparatus includes a measuring **unit** for measuring biological **data** , such as, a pulse rate and is disposed on a portion of a side portion of a wrist watch type apparatus body. The measuring unit is pressed by the user with his **finger** . At least one operation **button** is provided to **operate** an electrical circuit for **processing** the measured biological data...

...A portable apparatus is provided which is easy to use, for measuring enviromental and biological **data** and is useful for **health** care during exercise. The apparatus includes a measuring **unit** for measuring biological **data** , **such** as, a pulse rate and is disposed on a portion of a side portion of a wrist watch type apparatus body. The measuring unit is pressed by the user with his **finger** . At least one operation **button** is provided to operate an electrical circuit for **processing** the measured biological data.

#### Claims:

#### **IV. Text Search Results from Dialog**

##### **A. NPL Files, Abstract**

~~ Non-Patent Literature: Non-Full Text

Dialog files: 2,35,65,99,256,474,475,583

File 2:INSPEC 1898-2009/May W4

(c) 2009 The IET

File 35:DISSERTATION ABS ONLINE 1861-2009/APR

(c) 2009 PROQUEST INFO&LEARNING

File 65:Inside Conferences 1993-2009/May 29

(c) 2009 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Apr

(c) 2009 The HW Wilson Co.

File 256:TecInfoSource 82-2009/Mar

(c) 2009 Info.Sources Inc

File 474:New York Times Abs 1969-2009/May 29

(c) 2009 The New York Times

File 475:Wall Street Journal Abs 1973-2009/May 29

(c) 2009 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 Gale/Cengage

Set Items Description

S1 82506 (MOBILE OR PORTABLE OR WIRELESS OR HAND()HELD OR HANDHELD -  
OR WIFI OR WI()FI)(2N)(TERMINAL? ? OR APPARATUS?? OR DEVICE? ?  
OR COMPUTER? ? OR EQUIPMENT OR POCKETPC) OR PDA OR PDAS OR P-  
PERSONAL()DIGITAL()ASSISTANT? ?

S2 84 (ERGONOMIC? OR LARGE OR FINGER OR BIOENGINEER??)(6N)(ACTU-  
ATOR? ? OR ACTUATI??? OR ICON OR ICONS OR BUTTON OR BUTTONS OR  
KEY OR KEYS OR SWITCH OR SWITCHES)

S3 961 (MEDICAL OR HEALTH OR HEALTHCARE)(6N)(INFORMATION OR DATA -  
OR RECORD OR RECORDS OR HISTORY OR HISTORIES OR DATABASE OR D-  
ATABASES)

S4 2 S1 AND S2 AND S3

**4/3,K/1 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2009 The IET. All rts. reserv.

07495288

**Title: A new project for rehabilitation and psychomotor disease analysis  
with virtual reality support**

**Authors(s):** Rovetta, A.; Lorini, F.; Canina, M.  
**Author Affiliation:** Telerobotics Lab., Politecnico di Milano , Italy  
**Book Title:** Medicine Meets Virtual Reality. Art, Science, Technology:  
Healthcare (R)Evolution . Proceedings of Medicine Meets Virtual Reality  
6  
**Inclusive Page Numbers:** 180-5  
**Publisher:** IOS Press, Amsterdam  
**Country of Publication:** Netherlands  
**Publication Date:** 1998  
**Conference Title:** Proceedings of Medicine Meets Virtual Reality  
**Conference Date:** 28-31 Jan. 1998  
**Conference Location:** San Diego, CA, USA  
**Editor(s):** Westwood, J.D.; Hoffman, H.M.; Stredney, D.; Weghorst, S.J.  
**ISBN:** 90 5199 386 2  
**Number of Pages:** xv+409  
**Language:** English  
**Subfile(s):** C (Computing & Control Engineering); E (Mechanical &  
Production Engineering)  
**INSPEC Update Issue:** 2000-006  
**Copyright:** 2000, IEE

**Abstract:** ...of a glove for one finger, with sensors which detect the movement of the phalanges and the force of the **finger** -tip on a **button** . Electromyographs measure the nervous signals from the flexion and extension muscles of the finger. A program on a **portable computer** examines the signals and elaborates them. The commands for the patient are of four kinds: dynamic motion of the finger...

**Descriptors:** biomedical equipment; **data** gloves; diseases; electromyography; ergonomics; handicapped aids; **medical** computing; medical signal processing; motion measurement; patient rehabilitation; psychology; research initiatives; virtual reality; vision

**Identifiers:** patient rehabilitation; psychomotor disease analysis; virtual reality; DD1-97 project; VREPAR initiative; data glove; motion sensors; phalange movement detection; **finger** -tip force; **button** pressing; electromyography; nervous signals; flexion muscles; extension muscles; **portable computer** ; dynamic finger motion; vision; virtual finger; disabled people; Parkinson's disease; neuromotor problems; ergonomics

**4/3,K/2 (Item 2 from file: 2)**  
DIALOG(R)File 2:INSPEC  
(c) 2009 The IET. All rts. reserv.

07377692

**Title:** Study design for a case-control investigation of cellular

**telephones and other risk factors for brain tumours in adults**

**Authors(s):** Inskip, P.D.; Hatch, E.E.; Stewart, P.A.; Heineman, E.F.; Ziegler, R.G.; Dosemeci, M.; Parry, D.; Rothman, N.; Boice, J.D., Jr.; Wilcosky, T.C.; Watson, D.J.; Shapiro, W.R.; Selker, R.G.; Fine, H.A.; Black, P.M.; Loeffler, J.S.; Linet, M.S.

**Author Affiliation:** Nat. Cancer Inst., Bethesda, MD, USA

**Journal:** Radiation Protection Dosimetry, vol.86, no.1, pp.45-52

**Publisher:** Nuclear Technology Publishing

**Country of Publication:** UK

**Publication Date:** 1999

**ISSN:** 0144-8420

**SICI:** 0144-8420(1999)86:1L.45:SDCC;1-C

**CODEN:** RPDODE

**Language:** English

**Subfile(s):** A (Physics)

**INSPEC Update Issue:** 1999-041

**Copyright:** 1999, IEE

**Abstract:** ...comprehensive case-control study of malignant and benign brain tumours. Factors under consideration include use of cellular phones and other **wireless** communication **devices**, workplace exposures to chemical agents and electromagnetic fields, dietary factors, family history of tumours, genetic determinants of susceptibility, home appliance use, reproductive **history** and hormonal exposures, viruses, **medical** and dental exposure to ionising radiation, and other aspects of **medical history**. Approximately 800 newly diagnosed brain tumour cases and 800 controls were enrolled at hospitals in Boston, Phoenix and Pittsburgh from...

...patients admitted to the same hospitals as the cases, and treated for any of a variety of non-malignant conditions. **Key** features of the study include its **large** size, the emphasis on rapid ascertainment of incident cases and interview of study subjects rather than surrogate respondents, the use...

**Identifiers:** aetiology; brain tumours; cellular telephones; brain cancer; adults; National Cancer Institute; case-control study; malignant brain tumours; benign brain tumours; **wireless** communication **devices**; chemical agents; electromagnetic fields; ionising radiation; Boston; Phoenix; Pittsburgh; intracranial glioma; intracranial meningioma; acoustic neuroma; occupational exposures

## B. NPL Files, Full-text

~~ Non-Patent Literature: Full Text

Dialog files: 9,15,16,20,148,160,275,610,613,621,624,634,636,810,813

File 9:Business & Industry(R) Jul/1994-2009/May 28  
(c) 2009 Gale/Cengage  
File 15:ABI/Inform(R) 1971-2009/May 28  
(c) 2009 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2009/May 07  
(c) 2009 Gale/Cengage  
File 20:Dialog Global Reporter 1997-2009/May 29  
(c) 2009 Dialog  
File 148:Gale Group Trade & Industry DB 1976-2009/May 14  
(c) 2009 Gale/Cengage  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2009/May 01  
(c) 2009 Gale/Cengage  
File 610:Business Wire 1999-2009/May 29  
(c) 2009 Business Wire.  
File 613:PR Newswire 1999-2009/May 29  
(c) 2009 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Apr 23  
(c) 2009 Gale/Cengage  
File 624:McGraw-Hill Publications 1985-2009/May 29  
(c) 2009 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2009/May 28  
(c) 2009 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2009/May 07  
(c) 2009 Gale/Cengage  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

Set Items Description

S1 1935001 (MOBILE OR PORTABLE OR WIRELESS OR HAND()HELD OR HANDHELD -  
OR WIFI OR WI()FI)(2N)(TERMINAL? ? OR APPARATUS?? OR DEVICE? ?  
OR COMPUTER? ? OR EQUIPMENT OR POCKETPC) OR PDA OR PDAS OR P-  
ERSONAL()DIGITAL()ASSISTANT? ?  
S2 8568 (ERGONOMIC? OR LARGE OR FINGER OR BIOENGINEER???) (6N)(ACTU-  
ATOR? ? OR ACTUATI??? OR ICON OR ICONS OR BUTTON OR BUTTONS OR  
KEY OR KEYS OR SWITCH OR SWITCHES)  
S3 57061 (MEDICAL OR HEALTH OR HEALTHCARE)(6N)(INFORMATION OR DATA -  
OR RECORD OR RECORDS OR HISTORY OR HISTORIES OR DATABASE OR D-



ATABASES)  
S4 54 S1(2S)S2(2S)S3  
S5 16 S4 NOT PY>2000  
S6 6 RD (unique items)

**6/3,K/1 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2009 Gale/Cengage. All rts. reserv.

08109403 Supplier Number: 67460589 (USE FORMAT 7 FOR FULLTEXT)

**Epidemiological evidence on health risks of cellular telephones.(Seminar)**

Rothman, Kenneth J

The Lancet, v356, n9244, p1837

Nov 25, 2000

Language: English Record Type: Fulltext Abstract

Document Type: Magazine/Journal; Refereed; Professional

Word Count: 3787

... from cellular telephones. The findings vary as well, as indicated in some of the most pertinent occupational studies (panel 2).

**Information** from these studies about the **health** effects of RF exposure is of marginal value. Some studies compare data from specific working populations, or otherwise self-selected...

...1976 to 1996, during which these employees accumulated 2.7 million person-years of exposure. Because Motorola designed and manufactured **wireless** communication **devices**, many of its employees experienced RF exposure from hand-held transmitters similar or identical to the telephones that were sold in **large** numbers to consumers. The **key** comparisons were internal ones among workers categorised by level of RF exposure, assessed from a job-exposure matrix. About 9...

**6/3,K/2 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2009 Gale/Cengage. All rts. reserv.

07803530 Supplier Number: 65187451 (USE FORMAT 7 FOR FULLTEXT)

**Data Critical and PocketScript Sign Distribution and Development Agreement.**

PR Newswire, pNA

Sept 13, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 767

... transactions and prescription writing so that physicians will be

able to utilize all of these everyday functions through a single **wireless device** .

unwiredDr **wireless** web services for physicians will allow physicians to prescribe medications, dictate notes and check lab results via the wireless Internet...

...impressed with both their prescription engine technology and distribution strategies for reaching physicians."

"As the leader in wireless communication in **health** care, **Data Critical** is the ideal partner to assist us in using the wireless Internet to further enable our **handheld devices** ," said Richard J. Hendrix, president of PocketScript. "We share an understanding that the **key** to this **large** potential market is to mix best of breed, complementary applications to create a stronger, more compelling product solution for our ...

**6/3,K/3 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2009 Gale/Cengage. All rts. reserv.

05009667 Supplier Number: 47357087 (USE FORMAT 7 FOR FULLTEXT)

**Symbol Technologies Announces Worldwide OEM Agreement with Percon.**

Business Wire, p05051470

May 5, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 548

... 22 in an ergonomic, lightweight, and compact design. The standard batch unit features include an 8x21 backlit graphics display, a **large** 41-**key** keypad, a 10- pin RJ connector for RS-232 serial communications, advanced power management for long battery life, and a...

...Percon Inc., based in Eugene, Oregon, develops, manufactures, and markets data-collection and data-management products, including fixed-station decoders, **portable** data **terminals** , and data-management application software for the automatic-identification and data collection (Auto-ID) market. The company's products are...

...Symbol Technologies is the world leader in bar code-driven data transaction systems with more than 5 million scanners and **hand - held computers** installed. The company designs, manufactures and markets bar code scanning **equipment** , application-specific **handheld computers** and radio frequency data communications products and systems that are used as strategic building blocks in solutions in retail, package and parcel

delivery, manufacturing, warehousing and distribution, **health** care and other industries.

Customer **information** is available from Symbol Technologies at 1-800-SCAN-234 and at <http://www.symbol.com>.

CONTACT: Symbol Technologies  
Doug...

**6/3,K/4 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2009 Gale/Cengage. All rts. reserv.

04816408 Supplier Number: 47085524 (USE FORMAT 7 FOR FULLTEXT)

**OMRON INTRODUCES WORLD'S SMALLEST BLOOD PRESSURE MONITOR**

Biotech Equipment Update, v5, n2, pN/A

Feb 1, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 222

It's Omron Healthcare's innovative new HEM-808F Compact Finger Blood Pressure Monitor, a **portable device** that takes a quick and accurate reading from the left index finger in a unit roughly the size of a...

...in a purse, a briefcase or even a pocket, the 808F features a clever one-piece design that conceals the **finger** cuff inside. Press a **button** and the top panel pops up, creating a finger-sized opening. The hidden cuff automatically inflates by pressing the "start" **button**, which detects the pressure in the **finger** artery through photoelectric oscillometric technology, and converts the information into a digital reading displayed in large numbers on the front...

**6/3,K/5 (Item 5 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2009 Gale/Cengage. All rts. reserv.

04764619 Supplier Number: 47013900 (USE FORMAT 7 FOR FULLTEXT)

**World's smallest blood pressure monitor; goes where you go, lets your finger do the "talking".**

Business Wire, p1061488

Jan 6, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 249

It's Omron Healthcare's innovative new HEM-808F Compact Finger Blood Pressure Monitor, a **portable device** that takes a quick and accurate reading from the left index finger in a unit roughly the size of a...

...in a purse, a briefcase or even a pocket, the 808F features a clever one-piece design that conceals the **finger** cuff inside. Press a **button** and the top panel pops up, creating a finger-sized opening. The hidden cuff automatically inflates by pressing the "start" **button**, which detects the pressure in the **finger** artery through photoelectric oscillometric technology, and converts the information into a digital reading displayed in large numbers on the front...

**6/3,K/6 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2009 Dialog. All rts. reserv.

03358504 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**INTERMEC: New products from Intermec at ScanTech**

M2 PRESSWIRE

November 05, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1107

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... or serial host (model 2460). The 2460 devices are compact, fixed position data collection terminals able to deliver mission critical **data** in manufacturing and **healthcare** applications.

Intermec's powerful, lightweight and ergonomic 6400 will also be on show. Designed for comfortable, extended and uninterrupted use...

...in parcel delivery and warehousing applications.

In response to customer demands for an open system that provides seamless integration of **wireless devices**, as well as a migration path to accommodate both evolving technologies and changing business conditions, Intermec has developed Integrated Network...

## **V. Additional Resources Searched**

No results were found in the Internet & Personal Computing Abstracts through EBSCO.  
No results were found in the Financial Times through Proquest.